

IN THE SPECIFICATION:

Please amend the Specification as follows:

Please insert the following new heading and paragraph on page 1, line 6 of the specification:

Cross Reference to Related Applications

This patent application is a continuation of U.S. Patent Application No. 10/290,558, filed November 7, 2002, which is a continuation of U.S. Patent Application No. 09/924,410, filed August 7, 2001, now U.S. Patent No. 6,490,200, issued on December 3, 2002, which is a continuation of U.S. Patent Application No. 09/536,930, filed March 27, 2000, now U.S. Patent No. 6,282,120, issued on August 28, 2001, which is a continuation of U.S. Patent Application No. 09,177,809, filed October 23, 1998, now U.S. Patent No. 6,044,019.

The paragraph starting on page 2, line 28 has been amended as follows:

Fig. 1 illustrates schematically a typical array of non-volatile memory cells 10, such as EPROM, EEPROM or flash EEPROM, accessible by a series of bit lines 20, 22, 24, ..., and word lines 30, 32, ... Each memory cell 40 has a source 42 43, a drain 44, a control gate 46 and a floating gate 48.

The paragraph starting on page 3, line 10 has been amended as follows:

Referring also to Fig. 1, when the cell 40 is addressed for programming or reading, appropriate programming or reading voltages (V_{CG} , V_S , V_D) must be supplied respectively to the cell's control gate 46, source 42 43 and drain 44. An address is applied to the row decoder 50 for connecting V_{CG} to the word line 30 which in turn is connected to the control gate of the cell 40. The same address is also applied to the column decoder 52 for connecting V_S to the source line 20 and V_D to the drain line 22, which are respectively connected to the source and drain of the cell 40.

The paragraph starting on page 13, line 14 has been amended as follows:

A timer circuit 170 generates the timing for the integration time T in the form of a strobe signal in a strobe line ~~172~~ 173. The strobe signal controls the timing of each of the sense amplifiers such as 130, 140, ..., 150, associated with the chunk.